

## Product datasheet for **AR50969PU-S**

### FIBP (1-364, His-tag) Human Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | FIBP (1-364, His-tag) human protein, 50 µg  |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMTSELDI FVGNTTLIDE DVYRLWLDGY SVTDAVALRV RSGILEQTGA TAAVLQSDTM DHYRTFHMLE RLLHAPPKLL HQLIFQIPPS RQALLIERY AFDEAFVREV LGKKLSKGTK KDLDISTKT GITLKCRRQ FDNFKRVFKV VEEMRGLVD NIQQHFLLSD RLARDYAAIV FFANNRFETG KKKLQYLSFG DFAFCAELMI QNWTLGAVGE APTDPDSQMD DMDMDLDKEF LQDLKELKVL VADKDLLDLH KSLVCTALRG KLGVFSEMEA NFKNLSRGLV NVAAKLTHNK DVRDLFVDLV EKFEVPCRSW HWPLSDVRRF LNQYSASVHS LDGFRHQALW DRYMGTLRGC LLRLYHD |
| Tag:                                  | His-tag   |
| Predicted MW:                         | 44.3 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >95% by SDS - PAGE  |
| Buffer:                               | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol   |
| Preparation:                          | Liquid purified protein   |
| Storage:                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.   |
| Stability:                            | Shelf life: one year from despatch.   |
| RefSeq:                               | <a href="#">NP_004205</a>   |
| Locus ID:                             | 9158  |
| UniProt ID:                           | <a href="#">O43427</a>  |
| Cytogenetics:                         | 11q13.1   |
| Synonyms:                             | FGFIBP; FIBP-1; TROFAS  |



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**Summary:**

Acidic fibroblast growth factor is mitogenic for a variety of different cell types and acts by stimulating mitogenesis or inducing morphological changes and differentiation. The FIBP protein is an intracellular protein that binds selectively to acidic fibroblast growth factor (aFGF). It is postulated that FIBP may be involved in the mitogenic action of aFGF. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Product images:**